Please replace Table XXIX, page 179, with the attached Substitute Sheet, Table XXIX, page 179.

Please replace Table XXX, page 180, with the attached Substitute Sheet, Table XXX, page 180.

Please replace Table XXXI, page 181, with the attached Substitute Sheet, Table XXXI, page 181.

REMARKS

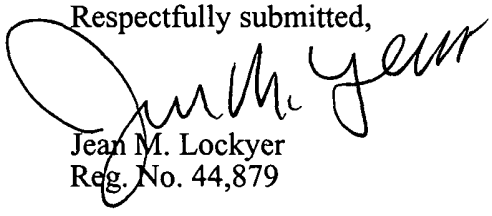
This amendment to the specification adds no new matter. Tables IV, V, XIX, XX, XXII-XXIV, and XXVI-XXXI have been amended to include SEQ ID NOs. Substitute Sheets with a 1-inch margin at the left side are provided for Tables VII-XVIII. Applicants note that any changes in the number of pages of a Table is due to re-formatting to add the SEQ ID NOs.

This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NOS:1-2436, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "FastSEQ" and is identical to that of the paper copy.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



Jean M. Lockyer
Reg. No. 44,879

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (415) 576-0200
Fax: (415) 576-0300
SF 1267383 v1

APPENDIX A

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Amendment to paragraph at page 51, lines 3-11:

In certain embodiments, the T helper peptide is one that is recognized by T helper cells present in the majority of the population. This can be accomplished by selecting amino acid sequences that bind to many, most, or all of the HLA class II molecules. These are known as "loosely HLA-restricted" or "promiscuous" T helper sequences. Examples of amino acid sequences that are promiscuous include sequences from antigens such as tetanus toxoid at positions 830-843 (QYIKANSKFIGITE; SEQ ID NO:2210), *Plasmodium falciparum* CS protein at positions 378-398 (DIEKKIAKMEKASSVFNVVNS; SEQ ID NO:2211), and Streptococcus 18kD protein at positions 116 (GAVDSILGGVATYGAA; SEQ ID NO:2212). Other examples include peptides bearing a DR 1-4-7 supermotif, or either of the DR3 motifs.

Amendment to paragraph at page 51, lines 12-22:

Alternatively, it is possible to prepare synthetic peptides capable of stimulating T helper lymphocytes, in a loosely HLA-restricted fashion, using amino acid sequences not found in nature (*see, e.g.*, PCT publication WO 95/07707). These synthetic compounds called Pan-DR-binding epitopes (*e.g.*, PADRE™, Epimmune, Inc., San Diego, CA) are designed to most preferrably bind most HLA-DR (human HLA class II) molecules. For instance, a pan-DR-binding epitope peptide having the formula: aKXVWANTLKAAa (SEQ ID NO:2213), where "X" is either cyclohexylalanine, phenylalanine, or tyrosine, and a is either D-alanine or L-alanine, has been found to bind to most HLA-DR alleles, and to stimulate the response of T helper lymphocytes from most individuals, regardless of their HLA type. An alternative of a pan-DR binding epitope comprises all "L" natural amino acids and can be provided in the form of nucleic acids that encode the epitope.